

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES 1   15	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 22-Apr-2002		4. REQUISITION/PURCHASE REQ. NO. W26GLG-2091-4922		5. PROJECT NO.(If applicable)	
6. ISSUED BY CONTRACTING OFFICE (CA/CW) US ARMY ENGR DIST NORFOLK ATTN: CENAO-CT 803 FRONT STREET NORFOLK VA 23510-1096		CODE DACA65		7. ADMINISTERED BY (If other than item 6)		CODE	
				<b>See Item 6</b>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. DACA65-02-R-0011	
				X		9B. DATED (SEE ITEM 11) 09-Apr-2002	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>  1  </u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) UPGRADE MAIN PIER, FT. EUSTIS, VIRGINIA  1. STANDARD FORM 1442: Standard Form 1442, Block 11, is amended to read: The Contractor shall begin performance within 10 calendar days and complete it within 810 calendar days after receiving notice to proceed.  2. SECTION 00010: Line items 0007 and 0009 are corrected to read:  0007 Installation of 24" square concrete piles (per linear feet) actual lengths of production piles driven in place from indicated top of pile elevation to final tip elevation as installed and approved, as shown on the drawings and as specified, exclusive of Items Nos. 0001, 0002, 0003, 0004, 0005, 0006, 0008 and 0009.  0009 Dynamic analysis of test piles in accordance with the specifications to include furnishing, placing, removing test sensors and equipment, monitoring test pile installation, performing Wave Equation and CAPWAP analysis, and furnishing the test report in accordance with the specifications, exclusive of Items Nos. 0001, 0002, 0003, 0004, 0005, 0006, 0007 and 0008. <i>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</i>							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)		23-Apr-2002	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

3. SECTION 00100:
  - a. CONTRACTOR PERFORMANCE AND BANKING INFORMATION, paragraph D. Basis of Award, No. 5 is corrected to read: Award will be made to that offeror if the technical proposal is evaluated as ACCEPTABLE.
  - b. FAR Clause 52.236-27, Site Visit (Construction) is added as shown:
4. SECTION 00600:
  - a. FAR Clause 52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER is deleted in its entirety.
  - b. E4LC CONSTR 18, COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING is deleted in its entirety.
5. SECTION 00700:
  - a. FAR Clause 52.252-2 CLAUSES INCORPORATED BY REFERENCE is amended to add the following internet address: [www.farnet.gov](http://www.farnet.gov)
  - b. DFAR Clause 252.236-7000 MODIFICATION PROPOSALS – PRICE BREAKDOWN is amended to delete one printing.
  - c. DFAR Clause 252.243-7001 PRICING OF CONTRACT MODIFICATIONS is amended to delete one printing.
  - d. DFAR Clause 252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT is amended to delete one printing.
6. SECTION 00800:
  - a. FAR Clause 52.211-10, Commencement, Prosecution and Completion of Work is amended as shown on attached.
  - b. FAR Clause 52.211-12, Liquidated Damages-Construction is amended as shown on attached.
  - c. DFAR Clause 252.201-7000 CONTRACTING OFFICER'S REPRESENTATIVE is amended to delete one printing.
  - d. E4LC CONST DEPARTMENT OF LABOR WAGE DECISION (CONSTRUCTION) is amended as shown on attached.
  - e. E4LC CONST 17 COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING is deleted in its entirety.
7. Plans and specifications are amended as shown on attached.

**Site Visit (Construction) (Feb 1995)**

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) Site visits may be arranged during normal duty hours by contacting:

Name: Catherine Field

Address: Fort Eustis Field Office

Telephone: 757-878-5217

(End of Provision)



SECTION 00800 Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

E4LC CONSTR 11      DEPARTMENT OF LABOR WAGE DECISION (CONSTRUCTION)

Any contract awarded as a result of this solicitation will be subject to the U.S. Department of Labor Wage Decision(s) provided following Section 00800, identified as General Decision No. VA020018, Modification No. 1, dated 03/08/2002 AND for Dredging, General Decision No. VA020026, dated 03/01/2002.

**General Decision Number VA020018**

General Decision Number VA020018

Superseded General Decision No. VA010018

State: **Virginia**

Construction Type:

**HEAVY**

County(ies):

GLOUCESTER	NEWPORT NEWS*	YORK
HAMPTON*	POQUOSON*	
JAMES CITY	WILLIAMSBURG*	

\*INDEPENDENT CITIES

**HEAVY** CONSTRUCTION PROJECTS (Excluding Sewer and Water Lines)

Modification Number	Publication Date
0	03/01/2002
1	03/08/2002

COUNTY(ies):

GLOUCESTER	NEWPORT NEWS*	YORK
HAMPTON*	POQUOSON*	
JAMES CITY	WILLIAMSBURG*	

ASBE0085B 03/01/2002

	Rates	Fringes
ASBESTOS WORKERS/INSULATORS: Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls.	17.53	4.89

BOIL0045B 10/01/1999

	Rates	Fringes
BOILERMAKERS	21.37	10.66

CARP0613C 05/01/2001

	Rates	Fringes
CARPENTERS & PILEDRIVERS	17.54	4.11

ELEC0666G 12/01/2001

	Rates	Fringes
ELECTRICIANS:		

James City County	22.17	3.33+11.00%
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ELEC1340A 12/01/2001		
	Rates	Fringes
ELECTRICIANS	19.15	2.40+11.25%

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ELEC1340E 12/01/1999		
	Rates	Fringes
LINEMEN and CABLE SPLICERS:		

From 7812 Warwick Blvd., Newport News,  
**Virginia**, to North of Route 460 and  
 South of the Piankatank River,  
 including the boundaries of Newport  
 News and York County, including **Fort**  
**Eustis**, Naval Mine Depot, Naval Mine  
 Warfare School, American Oil Refinery,  
 VEPCO, Yorktown Generating Station,  
 Cheatham Annex, Camp Peary, and

Gloucester County	18.00	2.25+11%
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Beyond North of Route 460 and South of the Piankatank River.	19.00	2.25+11%
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ENGI0147A 05/01/2001		
	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
Cranes and Mechanics	18.88	5.93
Fork Lift	15.10	5.93
Oilers	11.71	5.93

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ENGI0147K 05/01/1995		
	Rates	Fringes
POWER EQUIPMENT OPERATORS (PIPELINE):		
Backhoes	23.54	5.46
Boring Machine	17.46	4.96
Bulldozers	23.54	5.46
Cranes	23.54	5.46
Oilers	12.07	3.96
Side Boom	23.54	5.46

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IRON0079E 05/01/2001		
	Rates	Fringes
IRONWORKERS:		
Structural & Reinforcing	18.63	4.86+12.4%

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PAIN0051K 06/16/2001		
	Rates	Fringes
PAINTERS:		

Bridges, <b>Heavy</b> Industrial Plants, Mills or any Tanks, Structural Steel, Sandblasting	15.40	4.91
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PLAS0229B 05/01/1999		
	Rates	Fringes
CEMENT MASONS	15.60	2.55
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PLUM0540D 05/01/2000		
	Rates	Fringes
PLUMBERS & PIPEFITTERS	20.25	6.37
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SUVA2030A 06/22/1993		
	Rates	Fringes
BRICKLAYERS	15.15	
LABORERS:		
Laborers (Including Mason Tenders, Brick)	7.61	1.08
Landscape Laborers	7.71	
Pipelayers	8.16	1.00
POWER EQUIPMENT OPERATORS:		
Backhoes	11.46	
Bulldozers	11.77	1.82
Excavators	12.65	2.04
Loaders	11.02	2.10
Rollers	9.21	
TRUCK DRIVERS	8.63	

WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Unlisted classifications needed for work not included within  
the scope of the classifications listed may be added after  
award only as provided in the labor standards contract clauses  
(29 CFR 5.5(a)(1)(v)).

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In the listing above, the "SU" designation means that rates  
listed under that identifier do not reflect collectively  
bargained wage and fringe benefit rates. Other designations  
indicate unions whose rates have been determined to be  
prevailing.

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can  
be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a  
position on a wage determination matter



\* a conformance (additional classification and rate)  
ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations

Wage and Hour Division  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N. W.  
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The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U. S. Department of Labor  
200 Constitution Avenue, N. W.  
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.  
END OF GENERAL DECISION

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**General Decision Number VA020026**

General Decision Number VA020026

Superseded General Decision No. VA010026

State: **Virginia**

Construction Type:

**DREDGING**

County(ies):

STATEWIDE

**DREDGING CONSTRUCTION PROJECTS (Excluding HOPPER DREDGING)**

Modification Number      Publication Date

0      03/01/2002

1      04/19/2002

COUNTY(ies):

STATEWIDE

\* ENGI0025J 02/01/2002

	Rates	Fringes
HYDRAULIC DREDGES 20" & OVER		
Leverman	19.22	4.01+a
Engineer	18.09	4.01+a
Derrick Operator	16.78	4.01+a
Electrician	17.10	4.01+a
Carpenter	16.68	3.01+a
Mate	15.70	3.81+a
Welder	16.22	3.81+a
Spill Barge Operator	16.45	3.81+a
Oiler	12.32	3.61+a
Deckhand	11.53	3.61+a
Shoreman	11.30	3.61+a
Handyman	11.53	3.61+a
Fill Placer	16.68	4.01+a
Assistant Fill Placer	15.18	4.01+a
CLAMSHELL DREDGES:		
Operator	19.13	4.01+a
Engineer	17.11	4.01+a
Welder	15.96	3.81+a
Mate	15.37	3.81+a
Oiler	12.32	3.61+a
Deckhand	11.53	3.61+a
Scowman	11.69	3.61+a
Handyman	11.53	3.61+a
TUGS TENDING CLAMSHELL DREDGES:		
LESS THAN 600 HP:		
Tug Master	15.34	4.01+a
Tug Captain	14.85	4.01+a

Tug Deckhand	11.53	3.61+a
TUGS TENDING CLAMSHELL DREDGES:		
600 HP TO 1350 HP:		
Tug Master	16.30	4.01+a
Tug Captain	15.00	4.01+a
Tug Deckhand	11.53	3.61+a
TUGS TENDING CLAMSHELL DREDGES:		
GREATER THAN 1350 HP:		
Tug Master	17.34	4.01+a
Tug Captain	16.44	4.01+a
Tug Engineer	16.44	4.01+a
Tug Deckhand	11.53	3.61+a
STEWARD DEPARTMENT ON		
CLAMSHELL DREDGES::		
Steward	12.70	3.81+a
2nd Cook	11.53	3.61+a
Night Cook	11.53	3.61+a
Messman	11.31	3.61+a
Janitor	11.53	3.61+a

## FOOTNOTE:

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Good Friday, Labor Day, Thanksgiving Day, Christmas Day. Plus Vacation contribution of 7% of straight time pay for all hours worked.

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SUVA2041A 11/01/1994

	Rates	Fringes
HYDRAULIC DREDGES UNDER 20":		
Leverman	14.53	2.96+a
Engineer	14.18	2.96+a
Derrick Operator	13.20	2.96+a
Electrician	13.45	2.96+a
Carpenter	13.14	2.96+a
Mate	12.39	2.96+a
Welder	12.78	2.96+a
Spill Barge Operator	12.97	2.96+a
Spider Barge Operator	12.97	2.96+a
Tug Master	12.29	2.96+a
Tug Mate	11.76	2.96+a
Steward	10.42	2.96+a
Oiler	10.12	2.96+a
Deckhand	9.50	2.96+a
Tug Deckhand	9.50	2.96+a
Shoreman	9.32	2.96+a
Second Cook	9.50	2.96+a
Messman	9.32	2.96+a
Rodman	9.50	2.96+a
Handyman	9.50	2.96+a
Night Cook	9.50	2.96+a

Janitor/Porter	9.50	2.96+a
DIPPER DREDGES:		
Operator	14.59	2.96+a
Engineer	14.04	2.96+a
Welder	12.78	2.96+a
Mate	12.39	2.96+a
Oiler	10.12	2.96+a
Deckhand	9.50	2.96+a
Launchman	10.12	2.96+a
Scowman	9.63	2.96+a
Rodman	9.50	2.96+a
Handyman	9.50	2.96+a
TUGS:		
(Tending Dipper Dredges)		
Tug Master	13.16	2.96+a
Engineer	12.96	2.96+a
Tug Mate	11.87	2.96+a
Assistant Engineer	11.75	2.96+a
Deckhand	9.37	2.96+a
Cook	9.63	2.96+a
STEWARD DEPARTMENT:		
(On Dipper Dredges)		
Cook	9.27	2.96+a
Mess Cook	8.74	2.96+a
Messman and Janitor	8.61	2.96+a
DRILL BOATS:		
Engineer	14.18	2.96+a
Blaster	13.69	2.96+a
Driller	13.69	2.96+a

## FOOTNOTES APPLICABLE TO ALL ABOVE CRAFTS:

## a. PAID HOLIDAYS AND VACATION:

New Year's Day, Memorial Day, Independence Day,  
 Good Friday, Labor Day, Thanksgiving Day, and Christmas  
 Day; plus vacation contribution of 7% of straight time  
 pay for all hours worked.

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Unlisted classifications needed for work not included within  
 the scope of the classifications listed may be added after  
 award only as provided in the labor standards contract clauses  
 (29 CFR 5.5(a)(1)(v)).

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In the listing above, the "SU" designation means that rates  
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Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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Washington, D. C. 20210

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END OF GENERAL DECISION



**52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEP 2000)**

(a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of \$5,574.00 for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(End of clause)

**52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)**

The Contractor shall be required to (a) commence work under this contract within **ten (10)** calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 810 calendar days from Notice To Proceed. The time stated for completion shall include final cleanup of the premises.

(End of clause)

## Amendment 1

### Drawings

1. S-14, SECTION 1 and 3. Change 1/2" GROUT BED to 1" GROUT BED.
2. S-14, PIER 1 VAULT PLAN. The vault plan should show a fire hydrant on the South side. Move reference to trench cover to North side.
3. S-18a. Add the following:  
"AQUEOUS FILM FORMING FOAM (AFFF) NOTES:  
PROVIDE THREE PORTABLE AFFF UNITS, ANSUL'S MOBILCART OR EQUAL..  
THE UNITS SHALL BE ABLE TO BE MOVED BY ONE PERSON, OFFER A  
MINIMUM OF 36 GAL. NON-CORROSIVE TANK STORAGE, HANDLE AFFF  
FOAM CONCENTRATE AND BE SUPPLIED WITH 100 FEET OF FIRE HOSE. THE  
CHOICE OF FLOW RATE AND NOZZLE TYPE SHALL BE COORDINATED  
THROUGH THE CO. THE UNITS SHALL BE PROVIDED WITH ADAPTERS AND  
50' OF HOSE TO ATTACH TO THE FIRE HYDRANTS PROVIDED ON THE PIER  
AND TO THE POTABLE WATER OUTLETS PROVIDED FOR SERVICING THE  
SHIPS. THE UNITS SHALL BE SUBMITTED FOR GOVERNMENT APPROVAL  
PRIOR TO ORDERING. "
4. S-17, Note 1 and 2.  
Note 1 shall read:  
"1. PRESTRESSED CONCRETE SHALL HAVE A MINIMUM 28 DAY  
COMPRESSIVE STRENGTH OF 6000 PSI."  
  
Note 2 shall read:  
"2. PRESTRESS STEEL SHALL BE 1/2 INCH DIAMETER, 270 K LOW  
RELAXATION STRANDS. PRESTRESSING STRANDS SHALL BE IN  
ACCORDANCE WITH ASTM A775.  
REBAR SHALL BE IN ACCORDANCE WITH ASTM A775, GRADE 60. REBAR  
SHALL BE EPOXY COATED."
5. S-17, Note 6 shall be added:  
"6. ALL INSERTED AND ANCHORED ITEMS INTO THE PRESTRESSED  
PLANKS SHALL BE PLACED INTO THE PLANKS PRIOR TO CASTING.  
DRILLING INTO THE PLANKS IS NOT ALLOWED. THE GENERAL  
CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSERTED ITEMS  
WITH THE PRECAST CONTRACTOR. PLANKS BROUGHT ON SITE WITHOUT  
THE INSERTS SHALL BE REASON FOR REJECTION OF THOSE PLANKS."
6. S-20, CAST-IN-PLACE CONCRETE note 9: Change "ON" to "AT".



7. S-20, CAST-IN-PLACE CONCRETE note 21: Add the following at the end. "SEE S-17, NOTE 6, FOR FURTHER REQUIREMENTS FOR EMBEDDED ITEMS FOR THE PLANKS."

8. S-20, BOLLARDS, BITTS AND CLEATS notes. Add note 8:  
"8. BOLLARDS, BITTS AND CLEATS SHALL BE PAINTED BRIGHT YELLOW. THE FITTINGS SHALL BE SHOP PAINTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND BE SUITABLE FOR THE APPLICATION. THE PAINT SYSTEM SHALL BE GOVERNMENT APPROVED."

#### Specifications

1. Section 01005: Delete text of paragraph 1.7 and replace with sentence "not used".
2. Section 1330. Add to the end of 1.2.2 Types of Submittals, a. Shop Drawings: "Shop drawings shall not be reproductions of the contract drawings. They shall be created by the contractor to show detail needed for construction and to show compliance with all the contract drawings and specifications."
3. Insert signs attached hereto (Construction & Safety) at the end of Section 01500.
4. SECTION 02510: Paragraph 3.1.2 Casing Pipe: On fourth line remove “.5.” and replace with 0.5 inches.
5. SECTION 02531: Change title of section to read: SANITARY SEWERS AND FORCE MAINS.
6. SECTION 02531: Paragraph 1.1 REFERENCES add the following

AWWA C500	(1993) Metal-Seated Gate Valves for Water Supply Service
AWWA C508	(1993) Swing-Check Valves for Waterworks Service, 2 In. Through 24 In. NPS.
ASME B16.1	(1989) Cast Iron Pipe flanges and Flanged Fittings
DIPRA-Restraint Design	(1997) Thrust Restraint Design for Ductile Iron Pipe
7. SECTION 02531: Paragraph 1.2: Add following to beginning of paragraph “This specification covers the requirements for the sanitary sewers, sanitary sewer force main and the bilge water force main.

8. SECTION 02531: Paragraph 1.4.1 titled “Centrifugally Cast RTRP-II” remove this paragraph in entirety.
9. SECTION 02531: Add new paragraph 1.4.3

#### 1.4.3 VALVES

1.4.3.1 Gate Valves . Gate valves 3 inches and larger shall comply with AWWA C-500. Gate valves that are exposed or installed inside a utility trench shall be outside screw and yoke (OS & Y) handwheel operated with flange ends unless otherwise indicated. Gate valve operating nuts and handwheels shall have an arrow and the word “OPEN” cast in raised letters to indicate the direction of opening.

1.4.3.2 Check Valves. Check valves shall permit free flow of sewage forward and provide a positive check against backflow. Check valves shall be designed for a minimum working pressure of 150 psi or as indicated. The body shall be iron. The manufacturer’s name, initials, or trademark and also the size of the valve, working pressure, and direction of flow shall be directly cast on the body. Swing Check Valves shall comply with AWWA C508 and shall be iron body, bronze mounted, and shall have flanged ends. Flanges shall be the 125 pound type complying with ASME B16.1. Ball Check Valves shall be iron body, shall have flanged ends, and shall be the non-slam type. Flanges shall be the 125 pound type complying with ASME B16.1. Ball shall be stainless steel unless otherwise specified.

10. SECTION 02531: Page 209; remove line beginning with “2.8 STRUCTURES”.
11. SECTION 02531: Paragraph 1.10, on first line in paragraph remove “Water” and replace with Forcemains.
12. SECTION 02531: Paragraph 1.10 on third line add insulated between “sleeved pipe”.
13. SECTION 02531: Paragraph 1.12 Remove paragraph in entirety and replace with following: “1.12 Pressure and Leakage Tests”

Shall be as specified in Section 02510 WATER DISTRIBUTION SYSTEM in paragraph 3.2 titled HYDROSTATIC TESTS. Testing, correction, and retesting shall be made at no additional cost to the Government.”

14. SECTION 02531: Paragraph 1.13 Remove paragraph in entirety and replace with new paragraph 1.13

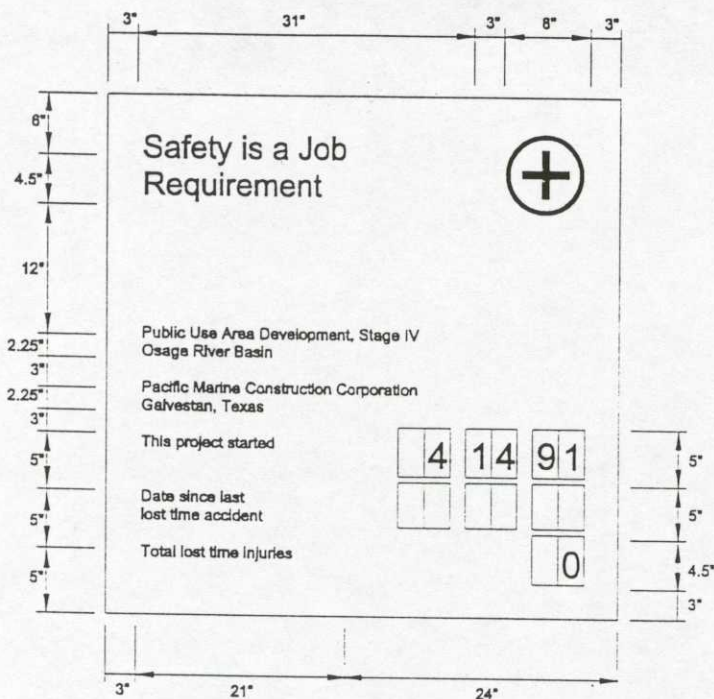
1.13 Thrust Restraint. Thrust restraint shall be as specified in drawings. Plugs, caps, tees and bends deflecting 11-1/4 degrees or more, either vertically or horizontally shall be provided with thrust restraint. Valves shall be securely anchored or shall be provided with thrust restraints to prevent movement. Thrust restraints shall be restrained joints for ductile iron pipe and shall be designed by the Contractor or the pipe manufacturer in accordance with DIPRA-Restraint Design.

14. PROJECT TABLE OF CONTENTS: DIVISION 02 - SITE WORK : Add following to Section 02531 “ AND FORCE MAINS “.

Bid Schedule

1. Item No. 0009 in the Bid Schedule - change "Dynamic Pile Analysis" to "PRESTRESSED CONCRETE PILING".

# SAFETY SIGN



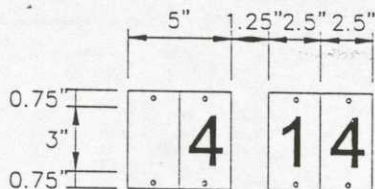
All typography is flush left and rag right, upper and lower case with initial capitals only as shown. Letter and word spacing to follow Corps Standards (EP 310-1-6a and 6b).

Legend Group 1: Standard two-line title "Safety is a Job Requirement" with (8" od.) Safety Green First Aid logo. Typeface: 3" Helvetica Bold; Color: Black.

Legend Group 2: One to two-line project title legend describes the work being done under this contract and name of host project. Typeface: 1.5" Helvetica Regular; Color: Black; Maximum line length: 42".

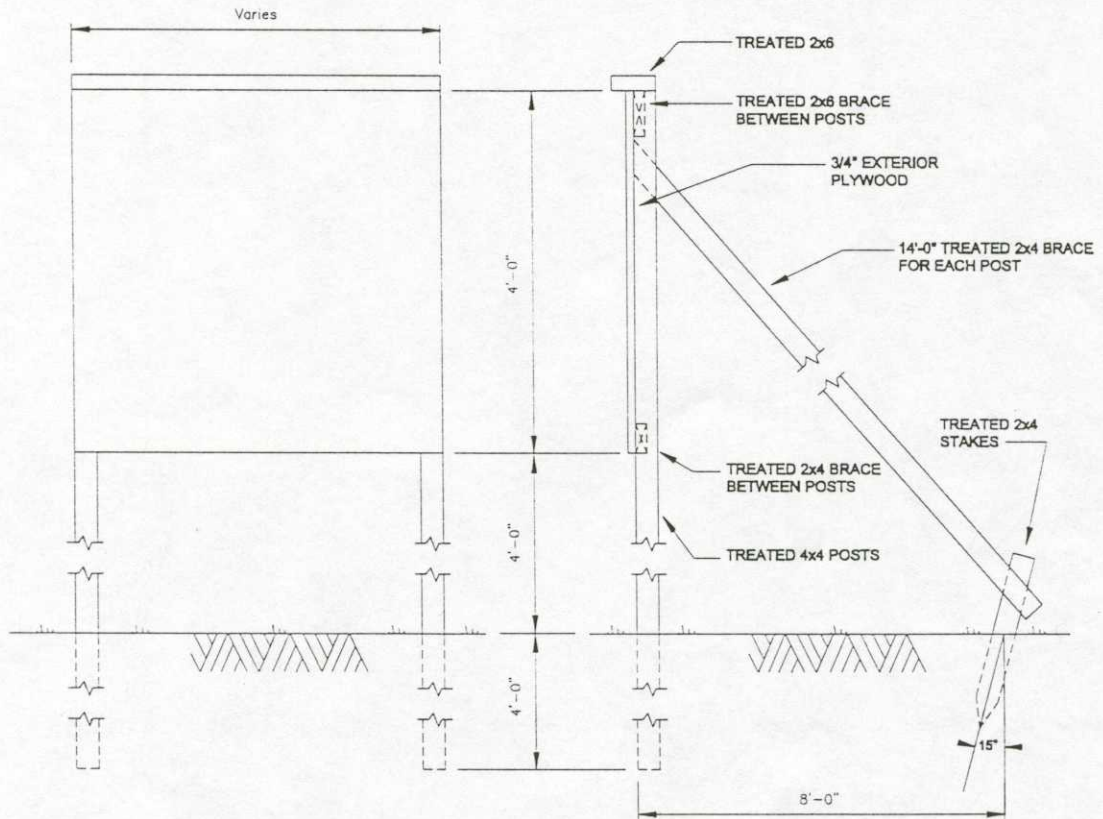
Legend Group 3: One to two-line identification: name of prime contractor and city, state address. Typeface: 1.5" Helvetica Regular; Color: Black; Maximum line length: 42".

Legend Group 4: Standard safety record captions as shown. Typeface 1.25" Helvetica Regular; Color: Black.



Replaceable numbers are to be mounted on white 0.060 aluminum plates and screw-mounted to backdrop. Typeface: 3" Helvetica Regular; Color: Black; Plate size: 2.5"x 4.5".


## SIGN ERECTION DETAILS





# PROJECT SIGN

The graphic format for this 4'x6' sign panel follows the legend guidelines and layout as specified below. The large 4'x4' section of the panel on the right is to white with black legend. A 2'x4' decal provided by the Corps shall be placed on the left side of the sign panel.

Design and Construction Supervised by:   US Army Corps of Engineers Norfolk District		Project Description	6"
			4.5"
			4.5"
		Project Name	6"
			2.25"
			13.25"
		Contractor: (Name)	1.875"
		(City and State)	1.875"
			7.75"

## Project Description:

One to three line project title legend describes the work being done under this contract.

Color: Black; Typeface: 3" Helvetica Bold; Maximum line length: 42"

## Project Name:

One to three line identification of project or facility.

Color: Black; Typeface 1.5" Helvetica Bold; Maximum line length: 42"

Cross-align the first line of PROJECT NAME with the first line of the Corps Signature as shown.

## Contractor:

One to five line identification of prime contractors including: type(architect, general contractor, etc.), corporate or firm name, city, state.

Color: Black; Typeface: 1.25" Helvetica Bold; Maximum line length: 21"

All typography is flush left and ragged right, upper and lower case with initial capitals only as shown. Letter and word spacing to follow Corps Standards (EP 310-1-6a and 6b).